## **Abstract**

Disclosed is a method of manufacturing magnetic disks, comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate. In the process, a lubricant *alpha* comprising a compound denoted by chemical formula

wherein p and q are natural number,

and a compound denoted by chemical formula

$$HO-CH_2-CF_2(-O-C_2F_4)m-(O-CF_2)n-O-CF_2-CH_2-OH$$

wherein m and n are natural number,

is fractionated by molecular weight to prepare a lubricant a having a weight average molecular weight (Mw) of from 3,000 to 7,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant beta comprising a compound denoted by the chemical formula

wherein m and n are natural number,

is fractionated by molecular weight to prepare a lubricant b having a weight average molecular weight (Mw) of from 2,000 to 5,000 and a molecular weight dispersion of less than or equal to 1.2;

a lubricant c comprising a mixture of lubricants a and b is prepared; and

a film of lubricant c is formed on a protective layer provided on a substrate to form a lubricating layer. A magnetic disk comprising a magnetic layer, a protective layer, and a lubricating layer on a substrate, in which the lubricating layer has been formed on the protective layer is also enclosed.